

**ABSTRACT**

A charging method for a battery pack with each of the at least two series – connected cells being supplied with an effective charging current ( $I_{\text{Charge}}$ ), in a charging cycle (1) over a charging period, and being supplied with a lower effective refresh current ( $I_{\text{refresh}}$ ), in an at least occasional subsequent refresh cycle (2) over a refresh charging cycle (6). The refresh cycle (2) follows after a period (K) in a number (M) of charging cycles (1).